

IFW

PTO/SB/21 (02-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	10/780,620
Filing Date	February 19, 2004
First Named Inventor	Jacobus C. HAARTSEN
Art Unit	2661
Examiner Name	Unassigned
Attorney Docket Number	0110-001

Total Number of Pages in This Submission

ENCLOSURES (Check all that apply)

- | | | |
|--|---|---|
| <input type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks Also enclosed: | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | 11 of 17 documents cited in the IDS | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Kenneth B. Leffler Registration No. 36,075
Signature	
Date	April 7, 2005

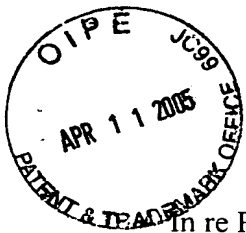
CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Kenneth B. Leffler		
Signature		Date	April 7, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
)
Jacobus C. HAARTSEN) Group Art Unit: 2661
)
Application No.: 10/780,620) Examiner: Unassigned
)
Filed: February 19, 2004) Confirmation No.: 3162
)
For: **ADAPTIVE CORRELATION OF**)
ACCESS CODES IN A PACKET-BASED)
COMMUNICATION SYSTEM)

SECOND INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. §1.56, Applicant hereby submits the following information in conformance with 37 C.F.R. §§1.97 and 1.98. Pursuant to 37 C.F.R. §1.98 and the waivers of September 21, 2004 and that specified in United States Patent and Trademark Office OG Notices of 05 August 2003, copies of only those documents that are not U.S. patents, not U.S. patent application publications, and not co-pending U.S. patent applications filed on or after June 30, 2003 are enclosed.

- European Search Report dated November 2, 2004 in connection with U.S. Application No. 10/780,620;
- U.S. Patent No. 6,012,160 A, published January 4, 2002;
- International Publication WO 03/077064 A2, published September 18, 2003;
- U.S. Patent No. 6,112,093 A, published August 29, 2000;
- U.S. Patent Application Publication No. 2002/048330 A1, published April 25, 2002;
- International Publication No. WO 01/26260 A1, published April 12, 2001;
- U.S. Patent No. 5,748,098 A, published May 5, 1998;
- U.S. Patent Application Publication No. 2002/141568 A1, published October 3, 2002;
- European Patent Application No. EP 1,335,350 A2, published August 13, 2003;
- U.S. Patent No. 5,815,507 A, published September 29, 1998;
- Hedberg, T., et al., "Evolving WCDMA." Ericsson Review, 2001, No. 3, pp 124-130;

- Zhang, Z., et al., "Advanced baseband technology in third-generation radio base stations." Ericsson Review, 2003, No. 1, pp 32-41;
- Müller, F., et al., "Further evolution of the GSM/EDGE radio access network." Ericsson Review, 2001, No. 3, p. 116;
- Ekudden, E., et al., "On demand mobile media – A rich service experience for mobile users." Ericsson Review, 2001, No. 4, pp 168-177;
- "3rd Generation Partnership Project; Technical Specification Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 5)." 3rd Generation Partnership Project, Technical Specification 25.211, V5.5.0, September 2003, pp 1-51;
- "3rd Generation Partnership Project; Technical Specification Radio Access Network; User Equipment (UE) radio transmission and reception (FDD) (Release 6), 3rd Generation Partnership Project, Technical Specification 25.101, V6.2.0, September 2003, pp 1-100;
- "3rd Generation Partnership Project; Technical Specification Radio Access Network; Multiplexing and channel coding (FDD) (Release 5), 3rd Generation Partnership Project, Technical Specification 25.212, V5.6.0, September 2003, pp 1-75.

This information is being submitted within 3 months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later, therefore no fee or statement is required under 37 C.F.R. §1.97(b).

To assist the Examiner, the documents are listed on the attached form PTO/SB/08. It is requested that an Examiner-initialed copy of these forms be returned to the undersigned.

Respectfully submitted,
Potomac Patent Group PLLC

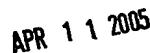
Date: April 7, 2005

By: Kenneth B. Leffler
Kenneth B. Leffler
Registration No. 36,075

P.O. Box 855
McLean, Virginia 22101-0855
703-718-8884

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 7, 2005.

Kenneth B. Leffler
Kenneth B. Leffler, Reg. No. 36,075



Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

(Use as many sheets as necessary)

Complete if Known

Application Number	10/780,620
Filing Date	February 19, 2004
First Named Inventor	Jacobus C. HAARTSEN
Art Unit	2661
Examiner Name	Unassigned
Attorney Docket Number	0110-001

Sheet	1	of	2
-------	---	----	---

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ ~Number ⁴ ~Kind Code ⁵ (if known)				
		WO 03/077064 A2	09/18/2003	Xtremespectrum Inc.		
		WO 01/26260 A1	04/12/2001	Parthus Technologies PLC		
		EP 1,335,350 A2	08/13/2003	Broadcom Corp.		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Complete if Known			
		Application Number	10/780,620		
		Filing Date	February 19, 2004		
		First Named Inventor	Jacobus C. HAARTSEN		
		Art Unit	2661		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	0110-001

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		European Search Report dated November 2, 2004 in connection with U.S. Application No. 10/780,620	
		Hedberg, T., et al., "Evolving WCDMA." Ericsson Review, 2001, No. 3, pp 124-130	
		Zhang, Z., et al., "Advanced baseband technology in third-generation radio base stations." Ericsson Review, 2003, No. 1, pp 32-41	
		Müller, F., et al., "Further evolution of the GSM/EDGE radio access network." Ericsson Review, 2001, No. 3, p. 116	
		Ekudden, E., et al., "On demand mobile media – A rich service experience for mobile users." Ericsson Review, 2001, No. 4, pp 168-177	
		"3 rd Generation Partnership Project; Technical Specification Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 5)." 3 rd Generation Partnership Project, Technical Specification 25.211, V5.5.0, September 2003, pp 1-51	
		"3 rd Generation Partnership Project; Technical Specification Radio Access Network; User Equipment (UE) radio transmission and reception (FDD) (Release 6), 3 rd Generation Partnership Project, Technical Specification 25.101, V6.2.0, September 2003, pp 1-100	
		"3 rd Generation Partnership Project; Technical Specification Radio Access Network; Multiplexing and channel coding (FDD) (Release 5), 3 rd Generation Partnership Project, Technical Specification 25.212, V5.6.0, September 2003, pp 1-75	

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.